EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	385	sulfonated with (hose or connector or part) and (tank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:44
S2	53	S1 and (fuel or gasoline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:45
S3	22	S1 and (fuel or gasoline) with tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:45
S4	1	("20070029329").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/05 18:48
S5	1191	sulfonat$3 and (fuel or gasoline) near3 tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:42
S6	954	S5 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:42
S7	779	S6 and (@rlad<"20030603" or @ad<"20030603" or @pd<"20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:45
S8	372	(sulfonating or sulfonated) and (fuel or gasoline) near3 tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50

S9	193	S8 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50
S10	149	S9 and (@rlad<"20030603" or @ad<"20030603" or @pd<"20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50
S11	1	(10/008431).APP.	USPAT; USOCR	OR	ON	2009/06/07 15:52
S12	50	("20030091741" | "2832654" | "3613957" | "3684554" | "3685446" | "3689810" | "3705041" | "3725109" | "3740258" | "3770706" | "3779840" | "3824762" | "3828960" | "3856172" | "3911184" | "3916048" | "3921844" | "3947539" | "3959561" | "3993811" | "3996725" | "4105841" | "4220739" | "4457977" | "4518681" | "4615914" | "4745015" | "4759814" | "4775587" | "4861250" | "4902493" | "4915912" | "5030399" | "5229077" | "5233081" | "5261764" | "5308587" | "5374314" | "5565248" | "5677010" | "5679412" | "5849818" | "6276296" | "6572835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/07 15:52
S13	2000	(sulfonating or sulfonated) and tank and (connector or hose or connection or accessory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:06
S14	151	S13 and (adher$3 or bod$3 or adhesive or weld$3 or fuse or fusing or fused or join$3) with tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:07

S15	617	(fuel or gasoline) near3 tank and multilayer and mold$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:08
S16	121	S14 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:09
S17	1	("6758910").URPN.	USPAT	OR	ON	2009/06/07 16:20
S18	13681	(halogenat$3 or halogeniz$3 or fluorinat$3 or chlorinat $3) and tank and (connector or hose or connection or accessory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:36
S19	187	(halogenat$3 or halogeniz$3 or fluorinat$3 or chlorinat $3) and tank with (connector or hose or connection or accessory or line or filler) with (adher$3 or bond3 or weld$3 or adhesive or fuse or fusing or fused)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:36
S20	183	S19 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:37
S21	145	S20 and (@rlad< "20030603" or @ad< "20030603" or @pd< "20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:37
S22	4424	(filler adj neck) or (rollover adj valve) and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:51
S23	3225	((filler adj neck) or (rollover adj valve)) and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:51

S24	2356	((filler adj neck) or (rollover adj valve)) and (fuel or gasoline) adj tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:52
S25	1533	((filler adj neck) or (rollover adj valve)) and (fuel or gasoline) adj tank.ti,ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:58
S26	263	((rollover adj valve)) and (fuel or gasoline) adj tank.ti, ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:59
S27	1	"20030091741".pn. and rins $3	US-PGPUB; USPAT	OR	ON	2009/06/09 11:58
S28	5607	sulfonat$3 and tank and rins $3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:03
S29	61	S28 and polyalkyleneimine	US-PGPUB; USPAT	OR	ON	2009/06/09 12:03
S30	3	S29 and (fuel or gasoline)	US-PGPUB; USPAT	OR	ON	2009/06/09 12:36
S31	244	sulfonat$3 and (fuel or gasoline) adj tank and wash $3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:40
S32	0	S31 and polyalkyleneimine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:41
S33	64	sulfonat$3 and (fuel or gasoline) adj tank and rins $3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:42
S34	33	sulfonat$4 with weld$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:17
S35	7460	sulfonat$4 with bond$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:20

S36	306	sulfonat$4 with bond$3 with (improv$3 or better or remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:21
S37	1	("20070029329").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/02 10:22
S38	391	sulfonat$4 same weld$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:23
S39	20	sulphonat$4 with weld$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:24
S40	19	S39 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:24
S41	20	sulfonat$4 with bond$3 with (improv$3 or better or remov$3) with metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:48
S42	51	S36 same metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:48
S43	5	S36 same plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:49
S44	4	(S34 or S39) same plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:49

S45	14	(S34 or S39) same metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:50
S46	67	sulphonat$4 with bond$3 with (improv$3 or better or remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 11:59
S47	194	(sulphonat$4 or sulfonat$3) with adhesion with (improv $3 or better or remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 12:51
S48	182	S47 not detergent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 16:06
S49	165	S48 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 16:06
S50	65	(sulphonat$4 or sulfonat$3) with adhesion with (reduc$3 or decreas$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 08:46

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	225	sulfonat$3.clm.	UPAD	OR	ON	2010/06/04 15:43
L2	68	1 and (fuel or tank or gasoline)	UPAD	OR	ON	2010/06/04 15:43
L3	9	sulfonat$3.clm. and weld$3	UPAD	OR	ON	2010/06/04 15:44

6/4/10 3:44:31 PM
**C:\Documents and Settings\BMusser1\My Documents\EAST\Workspaces\10 series\10550176.
wsp**